

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
06/09/2021				6	ARK.			
09/29/2021								
02/09/2022								
				JOB NO.		101062	2	30

2 INDEX OF SHEETS AND STANDARD DRAWINGS



INDEX OF SHEETS

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DRWG.NO.	TITLE	DATE
CG-1	CURBING DETAILS	11-29-07
DR-1	DETAILS OF DRIVEWAYS & ISLANDS	11-07-19
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PCC-1	CONCRETE PIPE CULVERT FILL HEIGHTS & BEDDING	02-27-14
PCM-1	METAL PIPE CULVERT FILL HEIGHTS & BEDDING	02-27-14
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SD-4	LOOP DETECTOR INSTALLATION	11-07-19
SD-5	CONTROLLER CABINET UTILITY DRAWER	09-12-13
SD-6	HEAVY DUTY PULL BOX	11-16-17
SD-8	SIGNAL HEAD PLACEMENT	12-08-16
SD-9	SERVICE POINT	11-07-19
SD-11	STEEL POLE WITH MAST ARM	11-16-17
SHS-1	STANDARD HIGHWAY SIGNS AND SUPPORTS ASSEMBLIES	09-12-13
SHS-2	U-CHANNEL POST ASSEMBLIES	07-25-19
SI-1	DETAILS OF SPECIAL ITEMS	10-25-18
TC-1	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	11-07-19
TC-2	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	05-20-21
TC-3	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	08-12-21
TEC-1	TEMPORARY EROSION CONTROL DEVICES	11-16-17
TEC-2	TEMPORARY EROSION CONTROL DEVICES	06-02-94
TEC-3	TEMPORARY EROSION CONTROL DEVICES	11-03-94

GOVERNING SPECIFICATIONS	
ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:	
NUMBER	TITLE
ERRATA_____	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273____	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273____	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273____	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
FHWA-1273____	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
FHWA-1273____	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
FHWA-1273____	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
FHWA-1273____	SUPPLEMENT - WAGE RATE DETERMINATION
100-3_____	CONTRACTOR'S LICENSE
100-4_____	DEPARTMENT NAME CHANGE
102-2_____	ISSUANCE OF PROPOSALS
105-4_____	MAINTENANCE DURING CONSTRUCTION
107-2_____	RESTRAINING CONDITIONS
108-1_____	LIQUIDATED DAMAGES
108-2_____	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
210-1_____	UNCLASSIFIED EXCAVATION
303-1_____	AGGREGATE BASE COURSE
306-1_____	QUALITY CONTROL AND ACCEPTANCE
400-1_____	TACK COATS
400-4_____	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
400-5_____	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6_____	LIQUID ANTI-STRIP ADDITIVE
400-7_____	TRACKLESS TACK
404-3_____	DESIGN OF ASPHALT MIXTURES
410-1_____	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2_____	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
410-4_____	EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL
501-2_____	CEMENT
600-2_____	INCIDENTAL CONSTRUCTION
603-1_____	LANE CLOSURE NOTIFICATION
604-1_____	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
604-3_____	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
606-1_____	PIPE CULVERTS FOR SIDE DRAINS
617-1_____	GUARDRAIL TERMINAL (TYPE 2)
620-1_____	MULCH COVER
632-1_____	CONCRETE ISLAND
700-2_____	TRAFFIC CONTROL FACILITIES
723-1_____	GENERAL REQUIREMENTS FOR SIGNS
729-1_____	CHANNEL POST SIGN SUPPORT
802-4_____	CEMENT
JOB 101062__	ACTUATED CONTROLLER
JOB 101062__	AIRPORT CLEARANCE REQUIREMENTS
JOB 101062__	BIDDING REQUIREMENTS AND CONDITIONS
JOB 101062__	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 101062__	CABINET DRAWER ASSEMBLY
JOB 101062__	CARGO PREFERENCE ACT REQUIREMENTS
JOB 101062__	DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES
JOB 101062__	ELECTRICAL CONDUCTORS FOR LUMINAIRES
JOB 101062__	ELECTRICAL CONDUCTORS-IN-CONDUIT
JOB 101062__	ESTABLISHING CONTRACT TIME – WORKING DAY CONTRACT
JOB 101062__	IP VIDEO DETECTION SYSTEM
JOB 101062__	LED LUMINAIRE ASSEMBLY (BUG U0 TYPE)
JOB 101062__	LED TRAFFIC SIGNAL HEAD
JOB 101062__	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTING
JOB 101062__	LOOP WIRING REVISION 1.4
JOB 101062__	MANDATORY ELECTRONIC CONTRACT
JOB 101062__	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 101062__	PLASTIC PIPE
JOB 101062__	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 101062__	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
JOB 101062__	RESTRICTIONS ON THE USE OF RECYCLED ASPHALT PAVEMENT MATERIAL
JOB 101062__	RETROREFLECTIVE BACKPLATES
JOB 101062__	SERVICE POINT ASSEMBLY (TRAFFIC CONTROL DEVICES)
JOB 101062__	SHORING FOR CULVERTS
JOB 101062__	STREET NAME SIGN (MAST ARM MOUNTED)
JOB 101062__	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 101062__	SYSTEM LOCAL CONTROLLER
JOB 101062__	THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)
JOB 101062__	UTILITY ADJUSTMENTS
JOB 101062__	WARM MIX ASPHALT

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2 GOVERNING SPECIFICATIONS AND GENERAL NOTES



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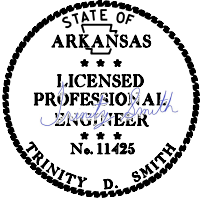
GENERAL NOTES

- GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO ENSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE RESIDENT ENGINEER.
- ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

SUMMARY OF QUANTITIES			
ITEM NUMBER	ITEM	QUANTITY	UNIT
202	REMOVAL AND DISPOSAL OF PIPE CULVERTS	2	EACH
SS & 210	UNCLASSIFIED EXCAVATION	443	CU. YD.
210	COMPACTED EMBANKMENT	369	CU. YD.
SS & 303	AGGREGATE BASE COURSE (CLASS 7)	351	TON
SS & 401	TACK COAT	65	GAL.
SP, SS, & 405	MINERAL AGGREGATE IN ACHM BASE COURSE (1 1/2")	117	TON
SP, SS, & 405	ASPHALT BINDER (PG 70-22) IN ACHM BASE COURSE (1 1/2")	5	TON
SP, SS, & 406	MINERAL AGGREGATE IN ACHM BINDER COURSE (1")	69	TON
SP, SS, & 406	ASPHALT BINDER (PG 70-22) IN ACHM BINDER COURSE (1")	3	TON
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	156	TON
SP, SS, & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	1	TON
SP, SS, & 407	ASPHALT BINDER (PG 76-22) IN ACHM SURFACE COURSE (1/2")	8	TON
601	MOBILIZATION	1.00	LUMP SUM
SS & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
SS & 604	SIGNS	164	SQ. FT.
SS & 604	TRAFFIC DRUMS	30	EACH
SS & 604	TRAFFIC CONE	12	EACH
604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	431	LIN. FT.
604	REMOVAL OF PERMANENT PAVEMENT MARKINGS	1109	LIN. FT.
SP, SS, & 606	30" SIDE DRAIN	34	LIN. FT.
SP, SS, & 606	48" SIDE DRAIN	160	LIN. FT.
606	SELECTED PIPE BEDDING	20	CU. YD.
615	PAVEMENT REPAIR OVER CULVERTS (ASPHALT)	32	TON
SS & 617	GUARDRAIL (TYPE A)	100	LIN. FT.
SS & 617	GUARDRAIL TERMINAL (TYPE 2)	2	EACH
620	LIME	1	TON
620	SEEDING	0.43	ACRE
SS & 620	MULCH COVER	1.06	ACRE
620	WATER	56.8	M. GAL.
621	TEMPORARY SEEDING	0.63	ACRE
621	SILT FENCE	1280	LIN. FT.
621	SAND BAG DITCH CHECKS	154	BAG
621	SEDIMENT BASIN	10	CU. YD.
621	OBLITERATION OF SEDIMENT BASIN	10	CU. YD.
621	SEDIMENT REMOVAL AND DISPOSAL	64	CU. YD.
623	SECOND SEEDING APPLICATION	0.43	ACRE
626	EROSION CONTROL MATTING (CLASS 3)	183	SQ. YD.
SS & 632	CONCRETE ISLAND	28	SQ. YD.
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
SP & 701	SYSTEM LOCAL CONTROLLER TS2-TYPE 2, E-NET (8 PHASES)	1	EACH
SP	ETHERNET SWITCH, T100 HARDENED (8-PORT)	1	EACH
SP	E-NET CABLE (EXTERIOR CAT 5E)	80	LIN. FT.
SP	LOCAL RADIO (E-NET 5.8) WITH ANTENNA	1	EACH
704	VEHICLE DETECTOR-RACK MOUNT	1	EACH
SP	LOOP WIRING CLASS III (1C/16 A.W.G.)	764	LIN. FT.
704	FEEDER WIRE	1944	LIN. FT.
SP & 706	TRAFFIC SIGNAL HEAD, LED, (3 SECTION, 1 WAY)	8	EACH
SP & 706	TRAFFIC SIGNAL HEAD, LED, (4 SECTION, 1 WAY)	1	EACH
708	TRAFFIC SIGNAL CABLE (5C/14 A.W.G.)	378	LIN. FT.
708	TRAFFIC SIGNAL CABLE (7C/14 A.W.G.)	77	LIN. FT.
708	TRAFFIC SIGNAL CABLE (12C/14 A.W.G.)	30	LIN. FT.
708	TRAFFIC SIGNAL CABLE (20C/14 A.W.G.)	172	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (1C/8 A.W.G., E.G.C.)	313	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (1C/12 A.W.G., E.G.C.)	160	LIN. FT.
SP	ELECTRICAL CONDUCTORS-IN-CONDUIT (2C/6 A.W.G.)	71	LIN. FT.
SP	ELECTRICAL CONDUCTORS FOR LUMINAIRES	474	LIN. FT.
709	GALVANIZED STEEL CONDUIT (2")	20	LIN. FT.
710	NON-METALLIC CONDUIT (1")	374	LIN. FT.
710	NON-METALLIC CONDUIT (1.25")	56	LIN. FT.
710	NON-METALLIC CONDUIT (2")	697	LIN. FT.
710	NON-METALLIC CONDUIT (3")	172	LIN. FT.
711	CONCRETE PULL BOX (TYPE 2)	1	EACH
711	CONCRETE PULL BOX (TYPE 1 HD)	6	EACH
711	CONCRETE PULL BOX (TYPE 2 HD)	2	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (40')	1	EACH
SS & 714	TRAFFIC SIGNAL MAST ARM AND POLE WITH FOUNDATION (46'-32')	1	EACH
SP	LED LUMINAIRE ASSEMBLY	3	EACH
SP	SERVICE POINT ASSEMBLY (2 CIRCUITS)	1	EACH
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (10")	72	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1638	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (8")	262	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (24")	102	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	1601	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING (WORDS)	1	EACH
719	THERMOPLASTIC PAVEMENT MARKING (ARROWS)	2	EACH
SP & 719	THERMOPLASTIC PAVEMENT MARKING (YIELD LINE)	15	LIN. FT.
721	RAISED PAVEMENT MARKERS (TYPE II)	19	EACH
SS & 726	STANDARD SIGN	7	SQ. FT.
SP	18" STREET NAME SIGN	3	EACH
SS & 729	CHANNEL POST SIGN SUPPORT (TYPE U-1)	3	EACH
SP & 733	VIDEO DETECTOR (IP)	3	EACH
SP & 733	VIDEO CABLE (EXTERIOR CAT 5E)	380	LIN. FT.
SP & 733	VIDEO MONITOR (CLR)	1	EACH
SP & 733	VEHICLE DETECTOR RACK (16 CHANNEL)	1	EACH
SP & 733	CENTRAL CONTROL UNIT (8 CHANNEL)	1	EACH
SP & 733	VIDEO PROCESSOR, EDGE CARD IP (2 CAMERA)	3	EACH

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2 SUMMARY OF QUANTITIES AND REVISIONS



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REVISIONS

DATE	REVISION	SHEET NUMBER
06/09/2021	REVISED ROADWAY STANDARD DRAWINGS TC-2 AND TC-3.	2,15
07/19/2021	REMOVED "DELAY IN RIGHT OF WAY OCCUPANCY" SPECIAL PROVISION FROM GOVERNING SPECIFICATIONS.	3,15
09/29/2021	REVISED ROADWAY STANDARD DRAWINGS TC-3.	2,15
01/12/2022	ADDED SS 105-4, SS 107-2, SS 410-3, SS 501-2, AND SS 802-4 TO GOVERNING SPECIFICATIONS. ADDED " LIQUIDATED DAMAGES PROCEDURE FOR BID LETTING" SPECIAL PROVISION TO GOVERNING SPECIFICATIONS AND PROVIDED SPECIAL PROVISION. REVISED "RETROREFLECTIVE BACKPLATES" SPECIAL PROVISION AND "UTILITY ADJUSTMENTS" SPECIAL PROVISION AND PROVIDED SPECIAL PROVISIONS.	3,15
02/09/2022	REVISED INDEX OF SHEETS, REMOVED SS 410-3 FROM GOVERNING SPECIFICATIONS, AND ADD SS 410-4 TO GOVERNING SPECIFICATIONS.	2, 3, 15